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1: *Biometals* 1994 Apr;7(2):130-4 Related Articles, Books, LinkOut

Cadmium in blood in Alzheimer's disease and non-demented subjects: results from a population-based study.

Basun H, Lind B, Nordberg M, Nordstrom M, Bjorksten KS, Winblad B

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Blood cadmium concentrations were studied in Alzheimer's disease (AD) and non-demented subjects. The 29 individuals were randomized from the ongoing population survey on ageing and dementia in Stockholm, the Kungsholmen Project. Smokers had, as expected, higher cadmium levels than non-smokers. Cadmium concentrations in blood were related to diastolic blood pressure in non-smoking, non-demented individuals. In contrast to previous reports no differences in blood cadmium levels were found between AD sufferers and non-demented subjects. Furthermore, there were no correlations between cadmium levels in blood and age or cognitive functions. The importance of quality assurance in sample collection and analysis of cadmium as well as scrutinizing smoking habits is emphasized.

PMID: 8148614, UI: 94198558

PM3001192689

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